REQUEST FOR INFORMATION

RADIO FREQUENCY AND TELEMETRY STATION (RFTS) CABLE INSTALLATION

General Information

Solicitation Number: RFTS-RFI-0311

Posted Date: March 24, 2011

Response Date: April 7, 2011

Contracting Office Address

Agency: NASA/John F. Kennedy Space Center, Procurement, Kennedy Space Center, FL 32899

Point of Contact: Rogelio Curiel, Contracting Officer, 321.867.7498, Rogelio.Curiel@nasa.gov

1. Introduction & Background

1.1 Purpose & Scope

NASA Kennedy Space Center is hereby issuing a Request for Information (RFI) for the purpose of seeking sources and soliciting information from private industry for the installation of cabling for the Radio Frequency and Telemetry Station (RFTS).

The RFI will allow private industry the opportunity to verify the reasonableness and feasibility of the requirement and promote competition. This document is for information and planning purposes.

The Kennedy Space Center (KSC) is planning to install RF cabling connecting antennas located on the Launch Control Center (LCC) rooftop to the Central Control Room located in the same facility:

KSC has gathered some technical and ancillary information and is providing it as part of this RFI. This information is provided "as-is" and should not be construed as a hard requirement or specification binding the industry to any specific materials, processes or equipment that they may recommend in response to this RFI.

1.2 RFI Objectives

The principal objective of this Request for Information (RFI) is to solicit cost (ROM) and schedule estimates for the installation of cabling for the Radio Frequency and Telemetry Station (RFTS). It will also allow the identification of sources that can potentially contract with NASA/KSC to perform the required tasks.

1.3 Radio Frequency and Telemetry Station (RFTS) description

The attachment shows pictures of infrastructure components already installed at KSC and examples of technical information of components and materials commonly used for this task. Vendors should use the examples as reference information and are encouraged to propose the brand of components and materials that best fit their approach.

See Attachment 1: "Technical and Ancillary information"

2. Instructions for Responding to this RFI

2.1 Who May respond

At a minimum, any interested parties with the following characteristics may respond to this RFI:

i. Experienced in similar installation efforts and capable of showing references to past performance.
ii. Be able to provide personnel performing the work with required certifications and training.
iii. Be able to provide accurate cost estimates and schedules.

This request for information will be posted on the Federal acquisition web site http://www.fedbizopps.gov/.

2.2 Site visit

A site visit to KSC may be helpful for vendors interested in responding to this RFI. The site visit will serve for vendors to learn about the conditions of the site and see the infrastructure components currently installed (Cable trays, wall penetrations, lightening protection systems and support platforms). The site visit will not serve for vendors to present oral responses to this RFI.

Vendors interested in participating on a site visit will need to contact the Contracting Officer to make arrangements and obtain access to KSC. All interested vendors should plan for tentative site visit to KSC on Thursday March 31, 2011 from 9am to 10:30 am (EST).

The site visit is encouraged but is not required for vendors to respond to this RFI.

2.2 How to respond

A written response to this RFI should be provided to the responsible KSC Contracting Officer by the date indicated below. Responses may be provided via mail or email or both. Responses in electronic format (e.g. PDF, Word, , etc.) are preferred.

2.3 Partial Response

Organizations that are not able to provide a comprehensive response to all areas of this RFI, but which may have information about one or more key technologies that should be considered in an overall solution, are encouraged to provide a partial response which may only address selected topics relevant to this RFI.

2.4 Response Date

Responses to this RFI should be submitted to the KSC Contracting Officer not later than April 07, 2011.

2.5 RFI Response Contact

The KSC Contracting Officer who will serve as the primary point-of-contact for responses to this RFI is:
Rogelio Curiel
NASA OP-MS
Kennedy Space Center, FL 32899
321 867-7498 (Office)
321 867-2825 (Fax)
Rogelio.Curiel-1@nasa.gov

2.6 Distribution of RFI Responses

Distribution of responses to this RFI will be exclusively within NASA and its contractors directly supporting its programs. No public distribution of the responses will be made. All information obtained through this RFI will be used internally as part of NASA's evaluation of key technologies in support of development of the RFTS.

2.7 Reimbursement

This request is for information and planning purposes only. It is not to be construed as a commitment by the Government nor will the Government pay for the information submitted or expenses incurred while responding to this RFI.

2.8 Questions Regarding this RFI

All questions regarding this RFI should be directed to the KSC Contracting Officer identified above.

2.9 Review Process

Once all responses to this RFI have been received, NASA will conduct a review of the responses over the course of approximately 30 days. Recommendations reflecting the results of the review will remain internal to NASA's Electrical Division at KSC and its support contractors.

3. Information Requested

Interested vendors are requested to submit their approach for the installation of cabling for the Radio Frequency and Telemetry Station (RFTS) by:

3.1 Providing information on their approach for the installation of ten (10) Heliax cables with termination connections from the antenna platform located on the southeast corner of the LCC roof following an already existing cable tray to the RFTS Central Control Room located in LCC room 2P12 (approximately 500 feet).

3.2 Identifying the personnel, cables, connectors and any other material/item required for the installation of the cabling.

3.3 Providing the engineering design data for the approach. Data includes engineering drawings, technical specification of parts, and a complete bill of materials required for the installation. The data includes the grounding and lightning protection necessary for this effort.

3.4 Recommending any appropriate design options that could maximize the system availability, reliability, the technical performance, extend the life of the system and lower the initial and life cycle costs.

3.5 Identifying any modifications to KSC's building structure, antenna platforms, or existing cable tray systems they deemed necessary for the installation (based on data obtained from Attachment 1 or from the site visit).

3.7 Provide a rough order of magnitude cost estimate and schedule for their approach to the cable system installation.

3. Additional information regarding a potential Request for Proposal

Should a subsequent RFP be released, vendors will be required to develop and perform an acceptance test procedure before the system is turned over to NASA and be required to follow all applicable KSC, Federal, State, and local government building codes for this cable system installation. Details of theses codes would be provided as part of a formal statement of work contained within the RFP.

Vendors may also be required to participate in a site visit at KSC in the event Request for Proposal is issued.